

R1C Series

300~1200W

FEATURES

- 80 PLUS Platinum.
- Design Support Active-Standby mode Design.
- Support Bidirectional Fan Design. (300W~800W)
- Environmental Compliance : RoHS, WEEE, REACH.
- Application : Server, Storage, Networking, IPC.
- EMI/RFI : CISPR22;CLASS A
- PROTECTION : OVP 、 OCP 、 OTP 、 SCP
- SAFTEY : UL/cUL, TUV, FCC, CCC, BSMI, KC, CB, CE
*BIS(*R1CA2801A/B R1CA2122A)

R1CA2301A/B R1CA2401A/B R1CA2551K
R1CA2801A/B R1CA2122A

Dimension : 73.5*185*40(mm)
Total Max Power : 300~1200W



300W~400W 550W~1200W

INPUT SPEC.

Model	Input Voltage	Input frequency	Input Current
R1CA2301A/B	90-264Vac 180-300Vdc	47-63Hz	4.5A@100-127Vac / 2.5A@200-240Vac 2.5A@240Vdc
R1CA2401A/B			5.5A@100-127Vac / 2.5A@200-240Vac 2.5A@240Vdc
R1CA2551K/L			7A@100-127Vac / 3.5A@200-240Vac 3.5A@240Vdc
R1CA2801A/B			10A@100-127Vac / 5A@200-240Vac 5A@240Vdc
R1CA2122A			10A@100-127Vac / 8A@200-240Vac 6A@240Vdc

OUTPUT SPEC.

Model	Voltage	Regulation	High Line Max Load	High Line Max Load	Ripple & Noise
R1CA2301A/B 300Watt	+12V	+/-5%	25A		120mV p-p
R1CA2401A/B 400Watt	+12V	+/-5%	33.3A		
R1CA2551K/L 550Watt	+12V	+/-5%	45.8A		
R1CA2801A/B 800Watt	+12V	+/-5%	66.7A		
R1CA2122A 1200Watt	+12V	+/-5%	100A	66.7A	
	+12Vsb	+/-5%	3A	3A	

ENVIRONMENTAL SPEC.

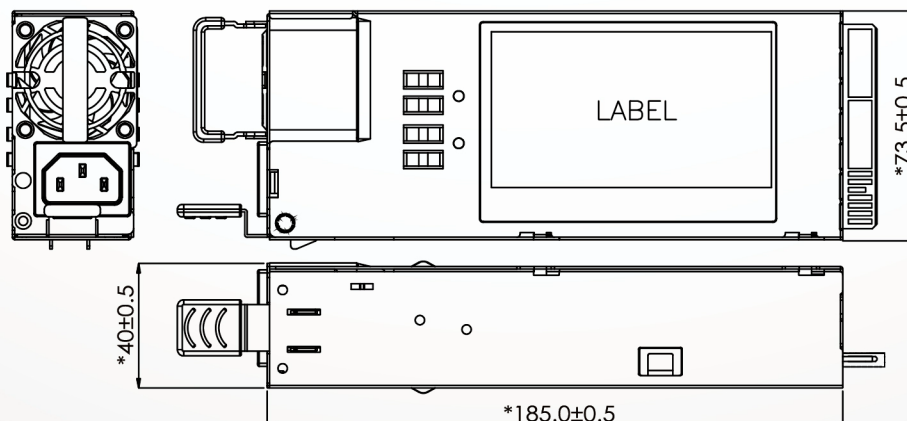
Temperature	Altitude	Relative humidity	Lightning surge
0°C~+50°C	16,404.2ft (5,000m)	10% to 95% RH Operating	Line to Line ±1KV Line to PE ±2KV

GENERAL SPEC.

Hold-up Time	Efficiency	MTBF
R1CA2301(12ms@full load) R1CA2401(12ms@full load) R1CA2551(12ms@full load)	88%@100% Load	100,000 hours minimum at full load
R1CA2801(16ms@full load) R1CA2122(12ms@80% load)	91%@100% Load	

*NOTE: 1) Series model total DC output continuous shall not exceed 300W~1200W.

OUTLINE DRAWING



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